



SCHWECHATER KABELWERKE

**LTx Cables. LTx PRAFla® PкПГнr(A)-FRHF 180 LTx E30 (E90) Cables.
The best international level of fire safety and low combustion product toxicity.**

LTx Cable. LTx PRAFla® Cables with marking FR, HF, LTx fully corresponds to Fire Safety Technical Regulations (The Federal Law no. 123-ФЗ) and Custom Union Technical Regulations TP TC 004/2011, as evidenced by performed tests and issued certificates.

LTx Cables (PRAFla® trade mark with LTx marking) are completely fit for the intended use (for installation with consideration of flammable content amount of LTx cables) in:

- Fire safety systems
- Systems ensuring operation under fire
- Buildings of pre-school educational institutions and board and care facilities
- Hospitals, bedroom blocks of educational facilities of residential care and child welfare institutions

Advantages (identifying features) of PRAFla® нr(A) FRHF LTx power and control cables with low-toxicity:

- Maximum allowable operation temperature of cores: 90°C
- Maximum core temperature under cable short circuit with no fire: 250°C
- Corrosiveness index of smoke and gas emission products of polymer materials when burning and smoldering: 1, it is the fact confirming the absence of these products
- Toxicity equivalent of combustion products of cable product: more than 120gr/m³
- Decrease of transparency when burning and smoldering: 20% max
- Maximum fire resistance of cable product: 180 min. max
- Maximum fire resistance of cable line (system): 30 or 90 min
- No detaching particles under flame within 20 min

PRAFla® FRHF LTx cables manufactured under state-of-art technologies and corresponding to highest modern requirements differ from market similar products due to high reliability and safety for people in buildings when fire breaks out.

Main types of LTx cables:

LTx power cables	LTx control cables
PкПГнr(A)-FRHF 180 LTx E30	KPкПГнr(A)-FRHF 180 LTx E30
PкПГЭнr(A)-FRHF 180 LTx E30	KPкПГЭнr(A)-FRHF 180 LTx E30
PкКПнr(A)-FRHF 180 LTx E30	KPкКПнr(A)-FRHF 180 LTx E30
PкБПнr(A)-FRHF 180 LTx E30	KPкБПнr(A)-FRHF 180 LTx E30
PкПГнr(A)-FRHF 180 LTx E90	KPкПГнr(A)-FRHF 180 LTx E90
PкПГЭнr(A)-FRHF 180 LTx E90	KPкПГЭнr(A)-FRHF 180 LTx E90
PкКПнr(A)-FRHF 180 LTx E90	KPкКПнr(A)-FRHF 180 LTx E90
PкБПнr(A)-FRHF 180 LTx E90	